

Abstract of the Disclosure

An in-wheel motor system, wherein the non-rotating side case of a motor and the knuckle of a motor are connected to each other by a buffer mechanism 10 having plates 11 and 12 interconnected by a linear guide 15 with springs composed of a linear guide 13 consisting of a linear bearing 13A and a rod 13B and spring members 14 and 14 moving in the vertical direction of a vehicle and integrated with the linear guide 13 and a damper 16 moving in the vertical direction of the vehicle and interconnecting the plates 11 and 12. Thus, the motor can be securely float mounted to a part around the wheel of the vehicle and the buffer mechanism 10 can be easily assembled.